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# Push + Pull Scenarios

**Andy Endal**

**[andy@eos.hitc.com](mailto:andy@eos.hitc.com)**

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# Purpose

## Push + Pull

- **Intended to probe design resiliency to handle unusual events which stress the system**
- **System is not expected to handle these events at full performance**
  - **Events typically exceed design specs (e.g., 2X pull)**
  - **Graceful response to out-of-spec conditions**
- **System must maintain critical functions**
  - **May demonstrate gradually degraded performance**
  - **May require operator response**
  - **Must provide options to tailor response to situation**
- **Design should demonstrate fail-safe default response**

# Scenarios



## 1. Spectacular Event

- 10,000 users request images of a major oil spill

## 2. Huge Data Request

- IDS Investigator orders five years of MODIS data

## 3. High Priority Request

- Times series of ASTER scenes must be delivered quickly

## 4. Science Software Error

- Standard Product must be corrected and redistributed

